

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-024039

(43)Date of publication of application : 27.01.1998

(51)Int.Cl.

A61B 17/00

(21)Application number : 09-086950

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(22)Date of filing : 04.04.1997

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(30)Priority

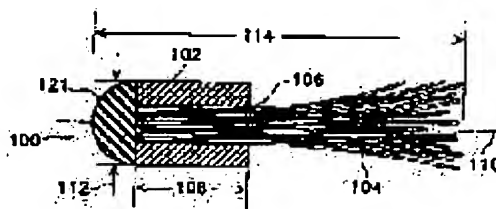
Priority number : 96 633838    Priority date : 10.04.1996    Priority country : US

## (54) MICROVESSEL CLOSING DEVICE WITH FLEXIBLE TERMINAL FIBER

(57)Abstract:

**PROBLEM TO BE SOLVED:** To effectively close an arteriole located at the distal end of a vessel structure by providing a binder which is provided with at least one passage along a binder shaft extending between opposite ends, and providing a plurality of fibers in such a way that they pass through at least a portion of the passage.

**SOLUTION:** A passage 106 is formed inside a binder 102 along the direction of its axis, a fiber bundle 104 is held within the passage 106, and a flexible end portion 114 is secured to one end of the binder 102. In this case, the flexible end portion 114 is preferably formed by imparting heat to the fiber bundle 104 and thereby melting and shaping the fibers in the fiber bundle 104. A device 100 thus formed is impermeable to radiation, so that the binder 102 and/or the fibers 104 are made of radiation-impermeable materials, i.e., the binder 102 is preferably made of stainless steel, gold, tungsten, platinum, palladium, rhodium, rhenium, etc.



## LEGAL STATUS

[Date of request for examination] 04.04.1997

[Date of sending the examiner's decision of rejection] 18.11.1999

[Kind of final disposal of application other than the examiner's decision of rejection or application]

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converted registration]

[Date of final disposal for application]

[Patent number] 3085655

[Date of registration] 07.07.2000

[Number of appeal against examiner's decision of rejection] 2000-01860

[Date of requesting appeal against examiner's decision of rejection] 16.02.2000

[Date of extinction of right]

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